

# HLA Typing by High-Resolution Next-Generation Sequencing

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 An abbreviated version of this protocol was published in Investigative Ophthalmology & Visual Science in Jul 2021  
Next-Generation HLA Sequence Analysis Uncovers Shared Risk Alleles Between Clinically Distinct Forms of Childhood Uveitis  
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## Detailed protocol

The protocol for the library preparation for next-gen seq and HLA amplification for HLA-A, -B, -C, DRB1, DQB1, and DPB1 are provided in the pdf files.

## Related files

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|--|---|
|  ifu-ngsgo-library-full-kit-2812006-edition-4-2022-06-ce-ivdd-ivdr.pdf |   |
|  ifu-ngsgo-mx6-1-7910004-edition-3-2022-06-ce-ivdr.pdf                |  |

**How to cite:** (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Wennink, R. and Kuiper, J. (2022). HLA Typing by High-Resolution Next-Generation Sequencing. Bio-protocol Preprint. [bio-protocol.org/prep1793](https://bio-protocol.org/prep1793).
2. Wennink, R. A. W., Boer, J. H. D., Hiddingh, S., Haasnoot, A. J. W., Ayuso, V. K., Hoop, T. D., Setten, J. V., Spierings, E. and Kuiper, J. J. W. (2021). Next-Generation HLA Sequence Analysis Uncovers Shared Risk Alleles Between Clinically Distinct Forms of Childhood Uveitis. Investigative Ophthalmology & Visual Science 62(9). DOI: [10.1167/iovs.62.9.19](https://doi.org/10.1167/iovs.62.9.19)

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